**Release and Sprint Plans**

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|  |  |
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**Version**: 1.0

**Due Date:** 22/08/2017, 11:59 pm (Tuesday)

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Release Plan

# Release 1

Delivery date: 24th October 2017 Total Story Points: 17

All mandatory functional features required by the client. Any user can access the website and navigate with ease. Any user can create an account but only administrators can create an account for other administrators. All city information web pages have the same template.

## Homepage

A user friendly homepage, immediate view of categories of city information with easily identifiable login or registration option.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S1 | Home page | 1 |
|  | Story Point Sub-Total: | 1 |

## Webpage template

Each information (of any city information category) has the same template of data containing the name, address, number, type and email address.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S2 | City information webpages | 3 |
|  | Story Point Sub-Total: | 3 |

## Accounts

Each customer type can create an account relevant to themselves to view personalised city information. Only administrators can create accounts for other administrators. Any users can login and logout at their own convenience.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U1 | User accounts | 3 |
| U2 | Viewing other information | 3 |
| U3 | Admin accounts | 5 |
| U5 | Logging out of account | 1 |
| U6 | Logging in to account | 1 |
|  | Story Point Sub-Total: | 13 |

# Release 2

Delivery date: To be negotiated Total Story Points: 31

All non-mandatory but business value features recommended to or suggested by the client. Ensures scalability of system to contain additional information in future.

## Other essential user features

Administrators can upload map of the city in any information item page. Users can find all information pertaining to specific keywords searched and results can be sorted into chronological order. System is scalable to contain additional city information and can provide similar information about other cities.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S3 | Uploading a map | 4 |
| U4 | Search functions | 4 |
| O5 | Other cities | 5 |
| O4 | More variety of information | 5 |
|  | Story Point Sub-Total: | 18 |

## Optional features

Features of lesser importance such as the ability for users to save places for later reference, multilingual user interface so that the site can be translated to the users native language and a feedback page.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| O1 | Favourites tool | 2 |
| O2 | Multilingual User Interface | 10 |
| O3 | Feedback Page | 1 |
|  | Story Point Sub-Total: | 13 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1 | | | | Sprint 2 | | | |
| Release 1 | | | | Release 1 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 3 | | | | Sprint 4 | | | |
| Release 2 | | | | | | | |

## Estimated Velocity: 9 hours per week

Sprint Plan

# Sprint 1

Total Story Points: 9 Total Hours: 31

## Current Velocity: n/a

## Story ID: Home page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create a main page and display categories of city information in tiled format | 3 |  |
| T02 | Buttons for login and registration | 1 |  |
| T03 | Write test cases | 2 |  |
| T04 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 7 |  |

## Story ID: City information webpages

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T05 | Creating template to display all mandatory details | 3 |  |
| T06 | Create database to allow dynamic updates of information when required | 3 |  |
| T07 | Write test cases | 2 |  |
| T08 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 9 |  |

## Story ID: Admin accounts

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T09 | Create admin management page | 3 |  |
| T10 | Create tool for insertion of new data | 3 |  |
| T11 | Create tool for updating existing data | 3 |  |
| T12 | Create tool for deletion of existing data | 3 |  |
| T13 | Write test cases | 2 |  |
| T14 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 5 Total Hours: | 15 |  |

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# Sprint 2

Total Story Points: 6 Total Hours: 34

## Current Velocity: n/a

## Story ID: User accounts

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Textboxes for mandatory and optional user details at time of registration | 3 |  |
| T16 | Radio button for customer to select type of user account | 1 |  |
| T17 | Create database to store user details | 3 |  |
| T18 | Ensure appropriate type of data entry (such as correct email format or unique username) | 2 |  |
| T19 | Validation message for when account is successfully created | 2 |  |
| T20 | Write test cases | 2 |  |
| T21 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 14 |  |

## Story ID: Logging in to account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Textbox for username and password entry | 1 |  |
| T23 | Ensure appropriate security measure (such as encrypted password) | 5 |  |
| T24 | Write test cases (Ensure correct validation and session initiates) | 2 |  |
| T25 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 9 |  |

## Story ID: Logging out of account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T26 | Button to logout of account | 1 |  |
| T27 | Validation for when user has logged out successfully | 2 |  |
| T28 | Write test cases (Ensure session ends) | 2 |  |
| T29 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 6 |  |

## Story ID: Viewing Other Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T30 | Menu panel of links to connect users to other city information | 2 |  |
| T31 | Write test cases | 2 |  |
| T32 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 5 |  |

# Sprint 3

Total Story Points: 18 Total Hours: 33

## Current Velocity: n/a

## Story ID: Uploading a map

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T33 | Create an insert tool for uploading a map in every information item page (for admin only) | 2 |  |
| T34 | Write test cases | 2 |  |
| T35 | Allow locations to be pinpointed on map | 3 |  |
| T36 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 8 |  |

## Story ID: Search functions

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T37 | Create form for search engine | 4 |  |
| T38 | Write test cases | 2 |  |
| T39 | Introduce sorting to search results | 4 |  |
| T40 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 11 |  |

## Story ID: Other Cities

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T41 | Create tool for inserting information on other cities into the database | 2 |  |
| T42 | Ensures city information is presented in a consistent format and can be generated dynamically | 2 |  |
| T43 | Write test cases | 2 |  |
| T44 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 5 Total Hours: | 7 |  |

## Story ID: More Variety of Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T45 | Create tool for inserting new categories of information | 2 |  |
| T46 | Ensure new categories of additional information can be created dynamically (via database management | 2 |  |
| T47 | Write test cases | 2 |  |
| T48 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 5 Total Hours: | 7 |  |

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# Sprint 4

Total Story Points: 13 Total Hours: 28

## Current Velocity: n/a

## Story ID: Favourites tool

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T49 | Create option for account users to bookmark specific pages on city information | 2 |  |
| T50 | Create a favourites tab for users to view their bookmarked pages | 2 |  |
| T51 | Write test cases | 2 |  |
| T52 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

## Story ID: Language options

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T53 | Create language option links at top of every web page | 2 |  |
| T54 | Translate pages to Spanish | 3 |  |
| T55 | Translate pages to Mandarin | 3 |  |
| T56 | Translate pages to French | 3 |  |
| T57 | Write test cases | 2 |  |
| T58 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 10 Total Hours: | 14 |  |

## Story ID: Feedback page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T59 | Create textbox or a form to hold feedback message | 1 |  |
| T60 | Create textbox to hold non-account user details (i.e. name, email) | 1 |  |
| T61 | Validation message for when form is submitted | 2 |  |
| T62 | Write test cases | 2 |  |
| T63 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 7 |  |

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